

Fig. 1

Application Layer / Layer 5
202

Transport Layer / Layer 4
204

Internet Layer / Layer 3
206

Network Interface Layer / Layer 2
208

Physical Layer / Layer 1
210

TCP/IP Layering Model

Fig. 2

Fig. 3

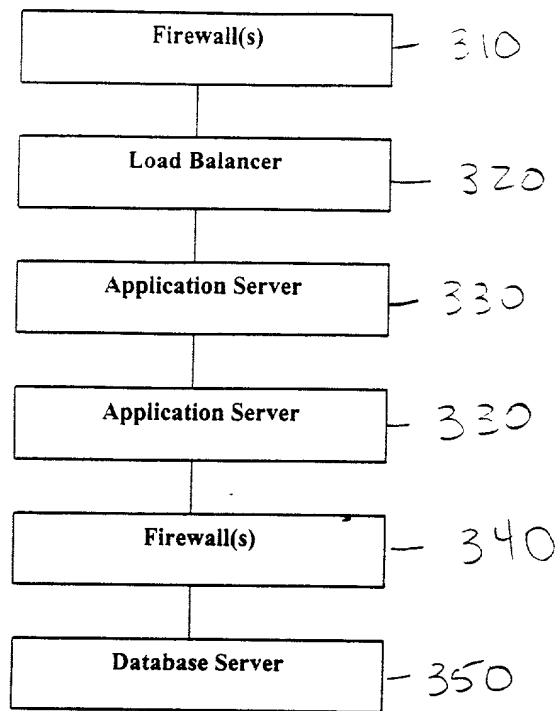


FIGURE 4

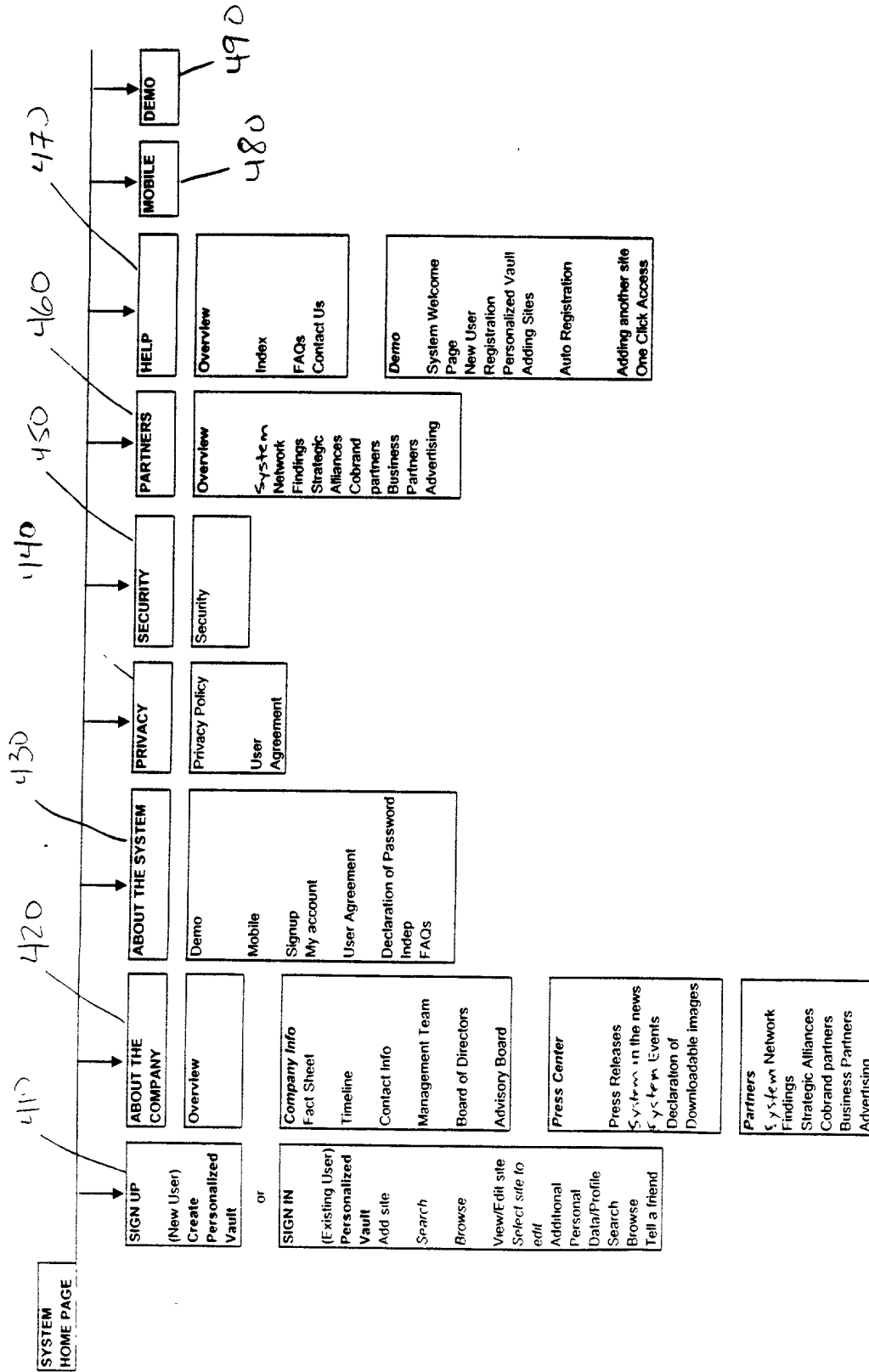


Fig. 5

The screenshot shows a web browser window with the address bar displaying 'essential.com'. The page header includes a navigation menu with links: HOME, update your profile, mobile, privacy, security, partners, demo, HELP, and LOGOUT. The main content area is titled 'open your vault' and features a sign-up form. The form includes fields for First name, Last name, and Email address. A handwritten '510' is next to the Last name field. Below the email field, there is a note: 'Your email address will serve as your Master User Name. We may also need to contact you to ensure your account's security.' The form also has a Password field with a handwritten '520' and a Retype password field with a handwritten '530'. A checkbox labeled 'Send me updates about the system services.' is checked. The page footer includes a 'Done' button.

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Real.com

Address [e] Go

essential.com

HOME update your profile mobile privacy security partners demo HELP LOGOUT

open your vault

Unlock the power of the Internet now with a single User Name and Password.
The System will allow you to have one click sign-on to all of the Web sites you like to visit. Sign up now!

First name: _____

Last name: _____ **510**

Email address: _____
Your email address will serve as your Master User Name. We may also need to contact you to ensure your account's security.

Only you have access to your System Account. Please choose a password to protect your account. [Click here to read our policies about recovering lost usernames and passwords.](#)

Password: _____ **520**

Guidelines for creating your password:
- Must be 5-20 characters in length
- Must contain at least one letter and one number
- Must not contain spaces or special characters **> 530**

Retype password: _____

☒ Send me updates about the system services.

Done

Fig. 6

File Edit View Favorites Tools Help

Back Forward Stop Reload Home Search Favorites History Mail Print

Address

Finders, ... Keepers

LinkExchange

MY VAULT update your profile mobile privacy security partners deals HELP LOGOUT

password recovery

At Amazon.com, the security and privacy of your account are our highest priorities. In the unlikely event that you lose the password to your **SYSTE** account, we have developed a secure method to recover your data.

If you chose to enable Password Recovery, and you lose your password, we will send you an email with the following information:

- first character of password
- last character of password
- total length of password
- an optional hint that you have supplied

> 610

You also have the option to disable the password recovery system.

☒ Yes! Turn on the password recovery capability for my account. - 620

If you would like to set an optional hint for your account which will be sent to your email address if you lose your password, please enter it below.

Optional hint: - 630

☐ No. Please do not enable password recovery for my account. - 640

I understand that if I lose my password, it will be impossible be able to recover any of the data that I store in Catavault.

amazon.com

Fig. 7

The image is a screenshot of a web browser displaying the About.com registration page. The browser's address bar shows a URL starting with 'http://'. The page header includes the 'Gadget Universe' logo and a navigation menu with links: MY VAULT, update your profile, mobile, search, account, privacy, about, HELP, and LOGOUT. The main heading asks 'do you have an account with about.com?'. Below this, there are two tabs: 'yes' and 'no'. The 'yes' tab contains a form with fields for 'Username', 'Password', and 'Repeat Password', followed by a 'Sign In' button. Below the form, a link says 'If you don't have your sign-in information, try visiting About.com to recover this information' with a 'visit site' link and a 'cancel' link. The 'no' tab contains the text 'Let us register you now!' and a 'Cancel' button. Handwritten annotations include '710' pointing to the 'yes' tab, '720' pointing to the recovery link, and '730' pointing to the 'no' tab. The browser's status bar at the bottom shows 'http://www.about.com'.

do you have an account with about.com?

yes

If you remember your sign-in information for About.com, please enter it in the fields below, and it will be stored permanently in your vault.

Username

Password

Repeat Password

If you don't have your sign-in information, try visiting [About.com](#) to recover this information

[visit site](#)

[cancel](#)

no

Let us register you now!

Fig. 8A

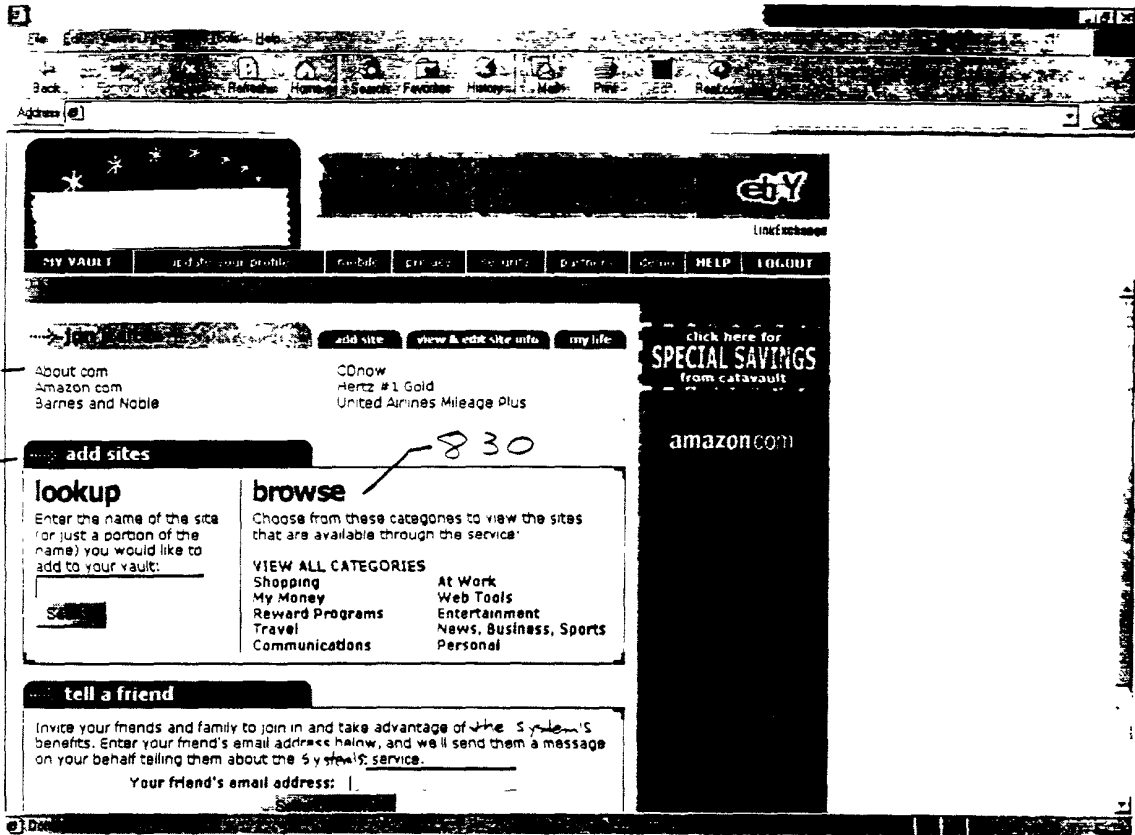


Fig. 8B

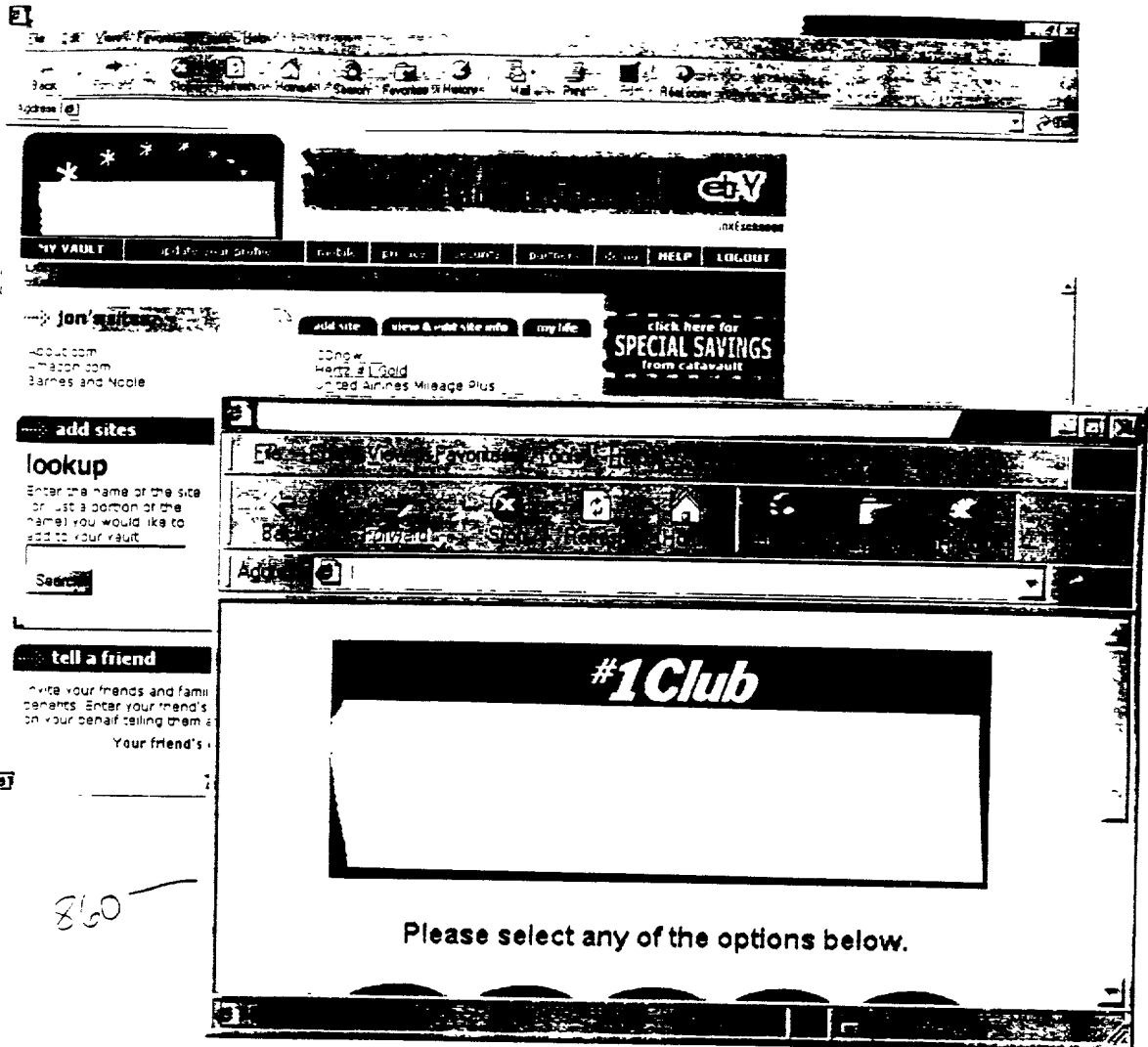


Figure 8C

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit

Address

Travelocity.com
A Sabre Company

Login to Travelocity.com
PINvault.com

Welcome easySAB ?

Be ?

The System Personal Assistant can store this login information so that you can access this site directly from your System home page. Do you want to do this?

Yes No

Remember my login name ☒

Enter

My location: Use My Profile Address

Want to change my password

Be Our Guest

Terms and Conditions

Making travel reservations through Travelocity.com is **FREE**. We only need a credit card number on file when you put a reservation on hold or purchase tickets. To keep your credit card information private, we

Done Internet

Fig. 9A

910

File Edit View Favorites Tools Help

Back Forward Stop Reload Home Search Favorites History Mail Print Run

Address:

MY VAULT update your profile random private security partners news HELP LOGOUT

profile update

Unfortunately we cannot automatically register you for About.com vat because some information is missing from your master profile. Please enter the necessary information below, and this information will automatically be stored in your master profile. (Remember that the system will never reveal your personal information without your explicit approval.)

Birth month January

Birth year 1944

Birth day 5

Gender Pick one
Female
Male
Other

Padlock icon

Fig. 9B

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Reload

Address

SHOP L.L.BEAN ON-LINE click here

MY VAULT | [update your profile](#) | [newbie](#) | [FAQ](#) | [security](#) | [partners](#) | [about](#) | [HELP](#) | [LOGOUT](#)


user agreement

In conformance with the system's privacy policy, before we auto-register you for About.com, we would like to show you which information we will be sending to About.com and allow you to confirm your decision to transfer this data.

First Name
Last Name
Email Address
Birth Month
Birth Day
Birth Year
Gender
Zip Code

☐ Yes, I agree to transfer this data to About.com.

☐ No, I do not agree to transfer this data to About.com.



Done

920

Fig. 9C

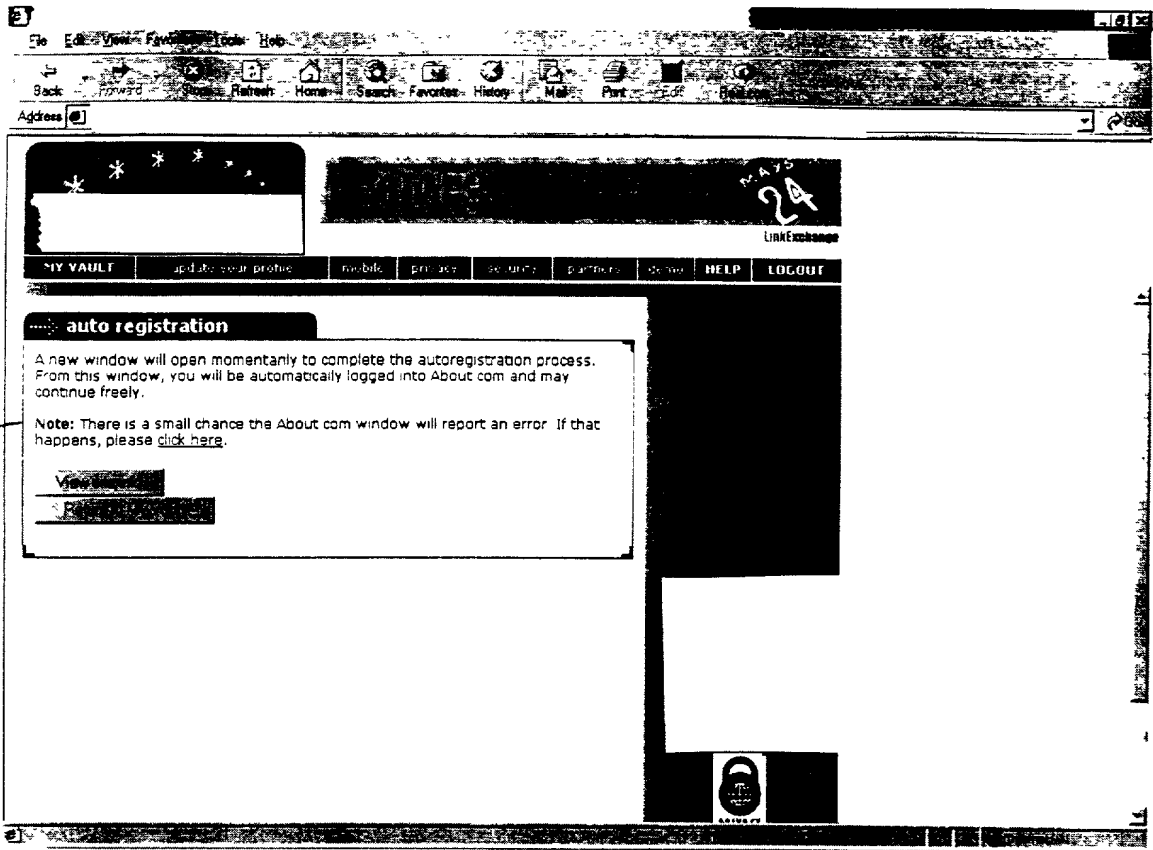
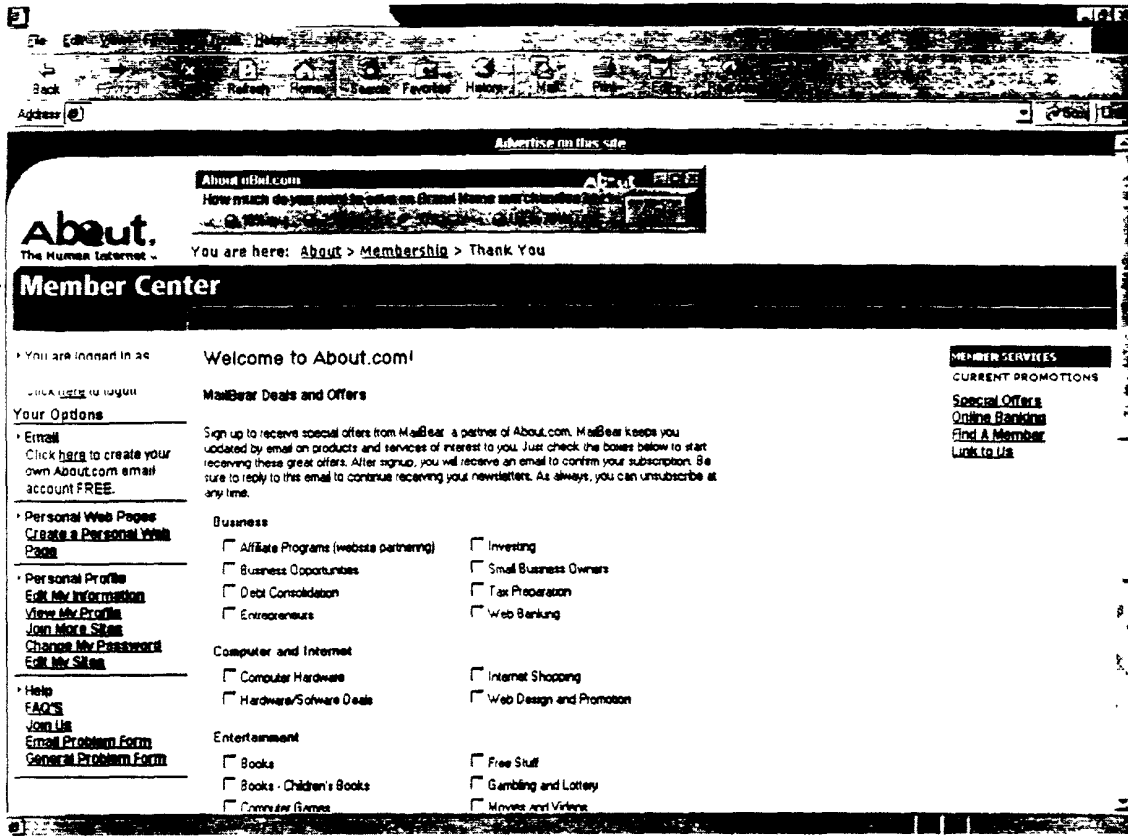


Fig. 9D



1064

Fig 11

